

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1 1- 7. Cancelled.
- 1 8. (Currently Amended) A method comprising:
 - 2 generating an image of an organ or structure inside a body which is substantially
 - 3 correlated to a point in a bodily cycle, the image being generated by interpolating
 - 4 between or extrapolating from at least two other images of the organ or structure taken at
 - 5 other points of the bodily cycle;
 - 6 spatially registering the representation of the probe with the image; and simultaneously
 - 7 displaying the image and a representation of a probe, the image and representation of the
 - 8 probe ~~corresponding~~ registered to substantially the same point in ~~a~~ the bodily cycle.
- 1 9. Cancelled.
- 1 10. (Previously Presented) The method of claim 8, wherein the image is acquired
 - 2 using computed tomography, magnetic resonance, or ultrasound.
- 1 11. (Original) The method of claim 8, wherein the organ or structure inside the
 - 2 body comprised a heart and the bodily cycle is a cardiac cycle.
- 1 12. (Original) The method of claim 8, wherein the probe is configured to sense
 - 2 the electrical properties of the organ or structure inside the body.
- 1 13. (Original) The method of claim 8, wherein the image was acquired prior to
 - 2 the probe being located inside the body.
- 1 14. (Original) The method of claim 8, wherein the acquiring step comprises
 - 2 storing the image on a computer readable medium.
- 1 15. (Original) A method comprising:

2 generating an image of an organ or structure inside a body which is
3 substantially correlated to a point in a bodily cycle, the image being generated by
4 interpolating between and/or extrapolating from at least two other images of the organ or
5 structure taken at other points of the bodily cycle;

6 registering a representation of a probe which is inside the body with the
7 image, the representation of the probe and the image being registered to the point in the
8 bodily cycle.

1 16. (Original) The method of claim 15, further comprising spatially registering a
2 representation of the probe with the image.

1 17. (Original) The method of claim 15, wherein the organ or structure inside the
2 body comprises a heart, the method further comprising simultaneously displaying the
3 registered image, the registered representation of the probe, and a map of electrical
4 properties of the heart.

1 18. (Original) The method of claim 15, wherein the organ or structure comprises
2 a heart and the bodily cycle is a cardiac cycle.

1 19. (Previously Presented) The method of claim 15, wherein the image is
2 acquired using computed tomography, magnetic resonance, or ultrasound.

1 20-27. Cancelled.